

HUB



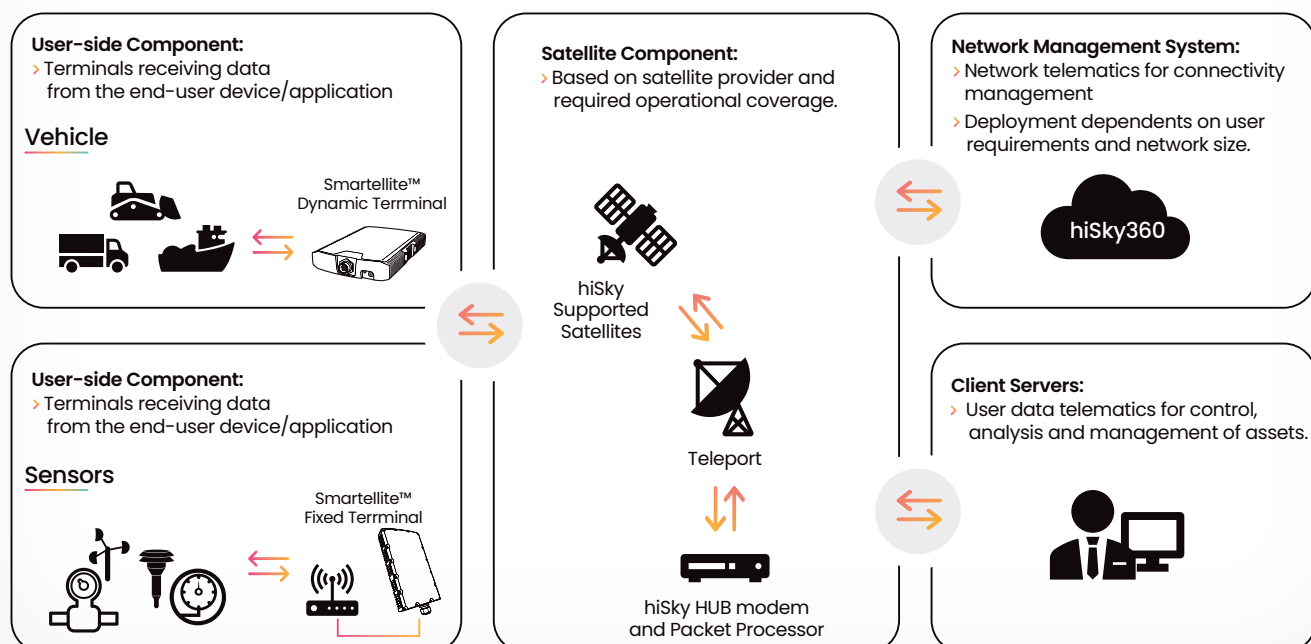
hiSky HUB modem

hiSky's HUB modem implements the hub side modem of the hiSky system. Each HUB modem unit supports multiple separate modem channels and connects to the teleport RF equipment (BUC/LNB) via separate Tx/Rx IF interfaces, and to the hiSky data server via Ethernet interface.

The hiSky HUB modem can be deployed in two variations, a rack mount standalone hiSky HUB, or direct implementation of the network and modem technology into iDirect ULC linecard.

Agile IoT Network

hiSky's open architecture enables easy integration with any device or application provider that suits your business needs, and integrates with any existing network to complement your coverage in all rural areas worldwide.



Specifications

Hub parameters:

| Parameter | Value |
|--------------------------|-------------------------|
| Frequency | 950- 2500MHZ (L-Band) |
| Impedance | 50 Ohm |
| Return loss | >15dB |
| Tx Output power | (-5) dBm – (-80) dBm |
| Rx Input Power | (-50) dBm – (-80) dBm |
| Signal related spurs | < (-50) dBc out of band |
| Communication Interfaces | Ethernet, USB |
| Max power consumption | <65W |
| Input power | 110-220V,50/60Hz |
| Physical size | 450.85mm /421.35mm/1U |
| Weight | ~3KG |

Hub interfaces:

| Parameter | Value |
|--------------------|------------|
| Tx IF Port 1-4 | SMA |
| Rx IF Port 1-4 | SMA |
| Configuration Port | USB Type-B |
| Ethernet | 2 × RJ-45 |
| AC Input Power | AC Inlet |

